

Table S1. Raw Data Statistics

Sample ID	Raw Read (PE)	GC (%)	AT (%)	Q20 (%)	Q30 (%)
FWG_1	97,322,282	47.01	52.99	97.92	94.35
FWG_2	85,258,940	46.56	53.44	97.48	93.65
FWG_3	89,313,060	46.92	53.08	97.6	93.83
FWG_4	96,021,318	46.97	53.03	97.32	93.23
FWK_1	93,471,382	45.23	54.77	97.56	93.65
FWK_2	94,373,470	47.32	52.68	97.74	93.93
FWK_3	100,763,532	47.17	52.83	97.89	94.36
BWG_1	112,814,320	48.56	51.44	97.36	93.65
BWG_2	115,002,232	47.39	52.61	97.4	93.60
BWG_3	105,853,918	51.50	48.5	97.54	93.83
BWK_1	96,578,329	48.73	51.27	97.49	93.78
BWK_2	87,374,481	47.91	52.09	97.6	93.37
BWK_3	98,743,565	45.38	54.62	97.53	93.58
DSG_1	115,672,000	44.69	55.31	97.6	93.55
DSG_2	97,778,428	46.14	53.86	97.58	93.75
DSK_1	94,324,160	47.24	52.76	97.71	93.85
DSK_2	87,098,430	46.17	53.83	97.44	93.5